

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-4. (Canceled)

5. (Currently amended) A method for integrating applications hosted at different enterprises separated by at least one firewall, the method comprising steps of:

receiving at ~~an agent acting as~~ a spoke in a hub and spoke integration system, data from a source application program;

encoding the data according to a message queuing protocol to provide an MQ message;

encrypting the MQ message to provide an encrypted MQ message;

determining whether the encrypted MQ message can be received by a target application program; and

using a queue manager for:

receiving the encrypted MQ message;

storing the encrypted MQ message for later delivery to the target application program; and

sending a message to the source application program instructing the source application program to stop sending data, if the destination program is unable to receive ~~received~~ the encrypted MQ message; else

transmitting the encrypted MQ message to a server in a hub in another hub and spoke integration system for delivery to the target application program when the target application program is ready to receive said encrypted MQ message; ~~the server acting as a hub in another hub and spoke integration system; running the target application program for processing of the data.~~

6-7. (Canceled)

8. (Original)The method of claim 5 further comprising maintaining a record of the messages received from the source application program.

9. (Original) The method of claim 8 wherein the record of the messages received from the source application program comprises information on the number of messages received.

10. (Previously presented) The method of claim 8 wherein the record of the messages received from the source application program comprises information on type of messages received.

11-17. (canceled)

18. (Currently amended) A method for transmitting high-level data in real time to one or more enterprises, the method comprising:

receiving, at ~~an agent acting as~~ a spoke in a hub and spoke integration system, from an application, a message comprising high level data and a request to process the data by a server ~~acting as~~ in a hub in another hub and spoke integration system running a target application program for processing of the data;

converting the message into an MQ message using a message queuing protocol;
encrypting the MQ message using a security protocol to provide a secure MQ message; and

transmitting the encrypted MQ message to a first queue manager for storing and retransmission at a time when the network is suitable for transporting the message to the server.

19. (Previously presented) The method of claim 18, wherein the high-level data comprises customer information.

20. (Previously presented) The method of claim 18, wherein transmitting the MQ message further comprises using a hypertext transfer protocol.

21. (Previously presented) The method of claim 18, wherein transmitting the MQ message further comprises a secure socket layer protocol.

22. (Previously presented) The method of claim 18, wherein transmitting the MQ message further comprises a hypertext transfer protocol over a secure socket layer.